

WAC 197-11-960 Environmental checklist.**03015581**

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: **Sub Coyote**

2. Name of applicant: **Stimson Lumber Company**

3. Address and phone number of applicant and contact person:

PO Box 1499

Newport, WA 99156

(509) 447-3686

Contact: Ted Carlson, extension 1127

4. Date checklist prepared: **October 21, 2009**

5. Agency requesting checklist: **WA DNR**

6. Proposed timing or schedule (including phasing, if applicable): **December 2009—December 2011**

03015581

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? **The objective of this project is the harvesting of timber. Subsequent harvest entries are expected, however there are no scheduled reentry plans at this time.**

If yes, explain.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

**Soil Survey of Pend Oreille County, Washington, USDA Soil Conservation Service, Oct 1992
Washington DNR Soil Section Map for Section 19, 20 Township 31 North, Range 45 East,**

WM

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? **None known**

If yes, explain.

10. List any government approvals or permits that will be needed for your proposal, if known.

DNR Forest Practices Application

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) **Timber harvesting. The complete timber harvest details are provided in the accompanying forest practices application.**

PROPOSED
HARVEST OF
275 MBF ON
58 ACRES
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12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. **Lots 14, 15 & 16 of Diamond Acres 1st Addition, Section 19, Township 31 North, Range 45 East, W.M. Additional area associated with the FPA harvest is in Section 20-T31N-R45 E. A copy of the subdivision plat, as well as other maps are included in the accompanying forest practices application.**

13 ACRES
ARE PLATTED
- RN

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

b. What is the steepest slope on the site (approximate percent slope)? **20% within the project unit boundaries.**

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. **There are two general soil types in proposal area: Orwig sandy loam and Sacheen loamy fine sand. Minor amounts of Bonner silt loam and Scotia fine sandy loam are also present (source: Soil Survey of Pend Oreille County, Washington, USDA Soil Conservation Service, Oct 1992)**

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **No.**

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. **See accompanying FPA; a small segment of an old ditch will be filled in (approximately 20 CY) and crossed using the material which had been excavated to construct ditch. This material is heaped up directly adjacent to ditch**

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. **The hazard of water erosion is very minimal due to the gentle nature of the terrain (less than 20%) and utilization of standard forest practices BMP's.**

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **0%**

DNR SOIL
MAPS INDICATE
UNSTABLE SOILS
AT THE NORTH
SIDE OF HARVEST
UNIT IN SEC.
20
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- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Applicable BMP's will be utilized if needed as required by WA. Forest Practice Rules. In addition, vehicles are restricted from entering the area via gates. The landowner's representatives will monitor site conditions during harvesting activities and prescribe specific mitigation as needed to minimize erosion.

03015581

a. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? **Dust, heavy equipment exhaust, and smoke from the burning of logging slash will likely result from this forest practice. If any, generally describe and give approximate quantities if known. The quantities are not known.**

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **None known.**

c. Proposed measures to reduce or control emissions or other impacts to air, if any: **None**

3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? **Yes, see accompanying FPA for discussion of typed waters.**

If yes, describe type and provide names. If appropriate, state what stream or river it flows into. **A year-round, unnamed (DNR Type F) water flows southerly near the middle of Sec 20, but is no closer than about 400 feet from this project. The DNR map also displays a type F stream, shown as a stream flowing easterly through entire proposal and connecting to the confirmed type F running southerly through the middle of Section 20. Field observations made by applicant on 10/20/09 revealed this is an inaccurate stream call, as there was no channel found in the proposal area and no connectivity occurs to any typed waters outside of proposal area, as the area is nearly level and water dissipates directly into the ground.**

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? **No.**

If yes, please describe and attach available plans.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. **None**
Indicate the source of fill material. **Does not apply**

4) Will the proposal require surface water withdrawals or diversions? **No**
Give general description, purpose, and approximate quantities if known.

5) Does the proposal lie within a 100-year floodplain? **No**
If so, note location on the site plan.

6) Does the proposal involve any discharges of waste materials to surface waters? **No**
If so, describe the type of waste and anticipated volume of discharge.

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? **No**
Give general description, purpose, and approximate quantities if known.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). **None**

Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). **Runoff from storms and snowmelt collect and disperse through natural processes of surface and subsurface systems.**

Where will this water flow? **No overland connectivity to any water source was found.**

Will this water flow into other waters? **No**

If so, describe.

WATERS
WITHIN THE
PROPOSAL
WILL BE
FIELD VERIFIED
AND PROTECTION
APPLIED IF
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2) Could waste materials enter ground or surface waters? No

If so, generally describe.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: **Runoff from storm events are diverted from roads and trails by outslipping, drivable drain dips, water bars and other means.**

4. Plants

a. Check or circle types of vegetation found on the site:

deciduous tree: alder, maple, aspen, other: cottonwoodevergreen tree: fir, cedar, pine, other: hemlock, larchshrubsgrasspasture

crop or grain

wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other:

water plants: water lily, eelgrass, milfoil, other

other types of vegetation

b. What kind and amount of vegetation will be removed or altered? **Approximately 95% of merchantable conifer timber and incidental brush. Ample good quality seedlings and saplings have been initiated from past harvest activities and will be retained and protected.**c. List threatened or endangered species known to be on or near the site. **None known**d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: **None**NONE ON
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IS TO BE
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5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:mammals: deer, bear, elk, beaver, other: moosefish: bass, salmon, trout, herring, shellfish, other:b. List any threatened or endangered species known to be on or near the site. **No T&E species are known to be on the site.**c. Is the site part of a migration route? **None known**

If so, explain.

d. Proposed measures to preserve or enhance wildlife, if any: **No specific measures, adhere to DNR regulations.**NONE ON
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6. Energy and natural resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? **Diesel and gasoline fuel for heavy equipment and truck operation.**Describe whether it will be used for heating, manufacturing, etc. **Use is for consumption in internal combustion engines for transportation and equipment operation.**b. Would your project affect the potential use of solar energy by adjacent properties? **No**

If so, generally describe.

c. What kinds of energy conservation features are included in the plans of this proposal? **None**List other proposed measures to reduce or control energy impacts, if any: **None**

7. Environmental health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? **Yes.**If so, describe. **Harvesting operations may accidentally result in fire or spills of petroleum products.**1) Describe special emergency services that might be required. **Emergency fire-fighting services.**2) Proposed measures to reduce or control environmental health hazards, if any: **Contractor will be required to have fire suppression equipment on site during the fire season. Contractor will be required to have a spill kit on site during the entire operation.**

b. Noise

IF SPILL
OCCURS CONTACT
DEPT. OF ECOLOGY
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1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? **None**

03015581

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? **Heavy equipment and truck operation for the short-term duration of the project. The noise level is not known.**

Indicate

what hours noise would come from the site. **Normal hours of operation would be between 4 a.m. and 4 p.m.**

3) Proposed measures to reduce or control noise impacts, if any: **None**

8. Land and shoreline use

a. What is the current use of the site and adjacent properties? **Forest, recreation, residential, grazing, hay production**

b. Has the site been used for agriculture? **Extreme eastern portion, otherwise no** If so, describe. **Small area had been used in the past (prior to 1998) for hay production and livestock grazing.**

c. Describe any structures on the site. **None**

d. Will any structures be demolished? **No** If so, what?

e. What is the current zoning classification of the site? **Unknown**

f. What is the current comprehensive plan designation of the site? **Unknown**

g. If applicable, what is the current shoreline master program designation of the site? **Does not apply**

h. Has any part of the site been classified as an "environmentally sensitive" area? **No** If so, specify.

i. Approximately how many people would reside or work in the completed project? **None**

j. Approximately how many people would the completed project displace? **None**

k. Proposed measures to avoid or reduce displacement impacts, if any: **does not apply**

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: **The activity described in the forest practice application will ensure the landowner enjoys the intended use of this land.**

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. **None**

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. **None**

c. Proposed measures to reduce or control housing impacts, if any: **None**

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? **No structures are proposed**

b. What views in the immediate vicinity would be altered or obstructed? **Does not apply**

c. Proposed measures to reduce or control aesthetic impacts, if any: **None**

11. Light and glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? **Road travel and loading log trucks in the pre-dawn hours will require light.**

b. Could light or glare from the finished project be a safety hazard or interfere with views? **No**

c. What existing off-site sources of light or glare may affect your proposal? **None**

d. Proposed measures to reduce or control light and glare impacts, if any: **None**

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity? **Informal only: Hunting**

b. Would the proposed project displace any existing recreational uses? **No** If so, describe.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

13. Historic and cultural preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation

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TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLYregisters known to be on or next to the site? **None known**

If so, generally describe.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. **None known**

c. Proposed measures to reduce or control impacts, if any:

**NONE ON FPRAT
IF A SITE IS
DISCOVERED,
STOP OPERATIONS
AND CALL TRIBE
AND DNR
-RN
10/23/09**

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. See attached map in forest practices application; Vista Drive is adjacent to the western boundary of proposal.

Show on site plans, if any.

b. Is site currently served by public transit? **No**If not, what is the approximate distance to the nearest transit stop? **10 miles, Newport, WA**c. How many parking spaces would the completed project have? How many would the project eliminate? **None**d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? **No**

If so, generally describe (indicate whether public or private).

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? **No**

If so, generally describe.

f. How many vehicular trips per day would be generated by the completed project? **None.**If known, indicate when peak volumes would occur. **Peak traffic volume will occur during a short duration (+/- three months) which is scheduled from sometime between December 2009 through December 2011.**g. Proposed measures to reduce or control transportation impacts, if any: **None**

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? **No** If so, generally describe.b. Proposed measures to reduce or control direct impacts on public services, if any. **None**

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. **None**b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. **None**

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:



Date Submitted: October 21, 2009

**REVIEWED BY RANDY NELSON
DNR FOREST PRACTICES
10/23/09**

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general

terms.

03015581

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise? **The proposal will result in a temporary increase in vehicle and equipment emissions as well as noise for the duration of the project.**

Proposed measures to avoid or reduce such increases are: **No measures are proposed.**

2. How would the proposal be likely to affect plants, animals, fish, or marine life? **The proposal is likely to result in a temporary disturbance for some plants and animals.**

Proposed measures to protect or conserve plants, animals, fish, or marine life are: **Compliance with Washington Forest Practice Rules.**

3. How would the proposal be likely to deplete energy or natural resources? **The proposal is unlikely to deplete resources.**

Proposed measures to protect or conserve energy and natural resources are: **None proposed**

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands? **The proposal is unlikely to affect such areas.**

Proposed measures to protect such resources or to avoid or reduce impacts are: **None proposed**

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans? **The proposal would result in the lawful use of the land by the owner.**

Proposed measures to avoid or reduce shoreline and land use impacts are: **None proposed**

6. How would the proposal be likely to increase demands on transportation or public services and utilities? **This proposal is not likely to increase demands on these services or utilities.**

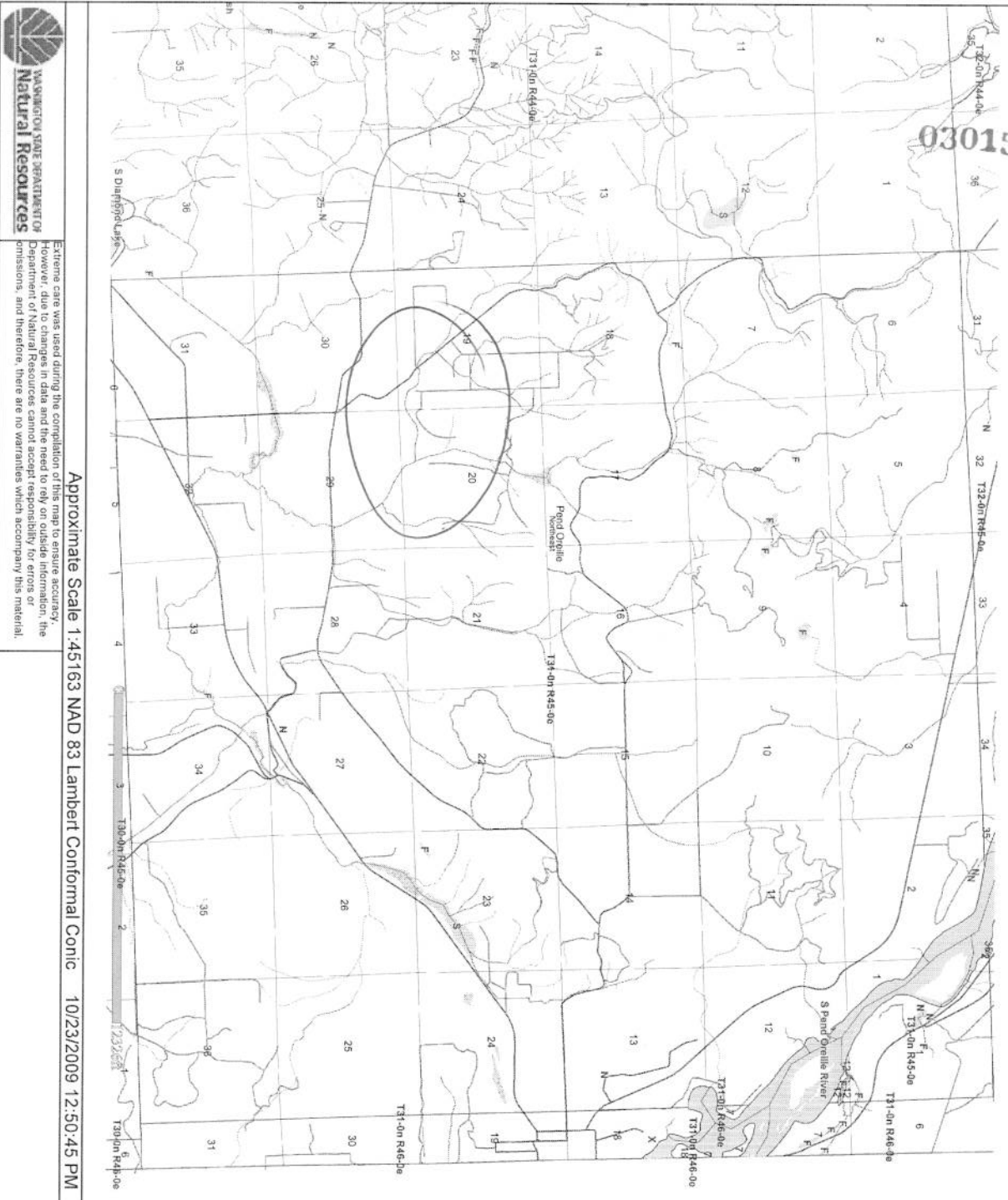
Proposed measures to reduce or respond to such demand(s) are: **None proposed**

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment. **This proposal is not in conflict with any of the above.**

VICINITY MAP

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ArcIMS Viewer Map



Extreme care was used during the compilation of this map to ensure accuracy. However, due to changes in data and the nature of the data, the Department of Natural Resources cannot accept responsibility for errors or omissions, and therefore, there are no warranties which accompany this material.

Approximate Scale 1:45163 NAD 83 Lambert Conformal Conic 10/23/2009 12:50:45 PM

- Section Lines
- Roads (DNR)
 - Abandoned Road
 - Orphaned Road
 - Paved Road
 - Unpaved Road
 - Water Courses (DNR)
 - Type F
 - Type N
 - Type S
 - Type U
 - Unknown
 - Type D, not typed per WAC 222-16
 - Township Lines
- Water Bodies (DNR)
 - Open Water
 - Flats/Gravel Bars
 - Ice
 - Wet Area
 - Wet Area Feature
- BNR Admin
- Region
- Counties